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UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE



Tables on Hatchery and Flock Participation in the  
National Poultry Improvement Plan



Table 1 - Hatchery Participation in the National Poultry Improvement Plan,  
by States and Divisions, 1952-53 and 1953-54

State and Division	1952-53		1953-54	
	Number	Egg Capacity	Number	Egg Capacity
Maine	57	3,701,056	49	3,531,390
New Hampshire	73	5,581,700	60	4,940,700
Vermont	15	368,780	13	286,280
Massachusetts	170	5,875,292	146	5,859,370
Rhode Island	13	637,160	10	487,860
Connecticut	92	5,422,495	77	5,769,230
New York	166	7,214,161	155	7,018,477
New Jersey	94	12,259,930	94	11,453,430
Pennsylvania	199	15,314,722	137	12,739,794
<b>NORTH ATLANTIC</b>	<b>879</b>	<b>56,375,296</b>	<b>741</b>	<b>52,086,531</b>
Ohio	199	18,644,945	197	18,558,300
Indiana	244	28,028,000	234	26,742,660
Illinois	202	29,338,542	196	27,365,633
Michigan	109	8,268,816	109	8,039,356
Wisconsin	65	4,423,220	66	4,692,238
<b>EAST NORTH CENTRAL</b>	<b>819</b>	<b>88,703,523</b>	<b>802</b>	<b>85,398,187</b>
Minnesota	232	23,334,564	228	23,704,475
Iowa	132	14,387,700	128	14,163,700
Missouri	208	30,337,864	190	27,457,478
North Dakota	41	2,954,413	38	3,248,306
South Dakota	52	4,453,540	49	4,596,420
Nebraska	73	7,756,102	78	8,001,926
Kansas	136	11,001,884	128	10,186,300
<b>WEST NORTH CENTRAL</b>	<b>874</b>	<b>94,226,067</b>	<b>839</b>	<b>91,358,605</b>
Delaware	23	9,648,500	23	9,749,000
Maryland	64	14,255,360	61	14,476,440
Virginia	98	14,093,169	89	13,849,229
West Virginia	26	2,365,492	27	2,424,352
North Carolina	172	12,010,070	167	11,673,474
South Carolina	39	1,889,707	38	2,468,951
Georgia	115	13,306,330	108	13,367,057
Florida	93	4,649,211	69	4,770,715
<b>SOUTH ATLANTIC</b>	<b>630</b>	<b>72,217,839</b>	<b>582</b>	<b>72,779,218</b>
Kentucky	96	5,711,248	90	5,464,164
Tennessee	63	4,466,376	58	4,441,436
Alabama	80	5,892,630	76	6,257,704
Mississippi	75	5,675,103	70	6,230,087
Arkansas	67	5,620,680	53	4,990,240
Louisiana	45	1,898,708	30	1,538,460
Oklahoma	58	5,142,188	57	5,113,988
Texas	85	8,159,678	48	5,396,938
<b>SOUTH CENTRAL</b>	<b>569</b>	<b>42,566,711</b>	<b>482</b>	<b>39,433,017</b>
Montana	14	651,940	14	708,760
Idaho	34	1,467,200	30	1,503,820
Wyoming	6	203,080	6	196,080
Colorado	33	2,734,500	20	1,749,500
New Mexico	4	143,000	4	143,000
Arizona	7	251,000	3	105,000
Utah	18	1,487,980	16	1,261,680
Washington	54	4,093,428	41	3,671,500
Oregon	61	3,875,356	60	3,565,118
California	101	11,533,999	82	10,558,959
<b>WESTERN</b>	<b>332</b>	<b>26,441,483</b>	<b>276</b>	<b>23,463,417</b>
<b>UNITED STATES</b>	<b>4,103</b>	<b>380,530,919</b>	<b>3,722</b>	<b>364,518,975</b>

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Table 2 - Flock participation in the National Poultry Improvement Plan,  
by States and Divisions, 1952-53 and 1953-54

State and Division	1952-53			1953-54		
	Flocks	Birds	Av. birds per flock	Flocks	Birds	Av. birds per flock
Maine	647	1,319,120	2,039	634	1,485,564	2,343
New Hampshire	463	1,494,676	3,228	465	1,519,875	3,269
Vermont	207	219,030	1,058	204	229,883	1,127
Massachusetts	408	932,442	2,285	460	896,776	1,950
Rhode Island	57	55,995	982	46	59,282	1,289
Connecticut	200	577,256	2,886	186	699,364	3,760
New York	598	810,326	1,355	530	752,687	1,420
New Jersey	618	1,022,786	1,655	539	989,087	1,835
Pennsylvania	2,506	1,565,177	625	1,750	1,496,823	855
<b>NORTH ATLANTIC</b>	<b>5,704</b>	<b>7,996,808</b>	<b>1,402</b>	<b>4,814</b>	<b>8,129,341</b>	<b>1,689</b>
Ohio	6,255	1,628,010	260	6,220	1,714,941	276
Indiana	9,904	2,658,541	268	10,182	2,782,889	273
Illinois	8,915	2,075,641	233	8,903	2,161,029	243
Michigan	1,771	715,872	404	1,818	743,597	409
Wisconsin	1,005	347,681	346	1,104	369,189	334
<b>EAST NORTH CENTRAL</b>	<b>27,850</b>	<b>7,425,745</b>	<b>267</b>	<b>28,227</b>	<b>7,771,645</b>	<b>275</b>
Minnesota	4,250	1,810,110	426	4,391	1,807,302	412
Iowa	4,472	1,211,102	271	5,039	1,525,083	303
Missouri	13,461	2,916,903	217	12,983	3,055,764	235
North Dakota	747	158,677	212	789	173,562	220
South Dakota	1,073	301,456	281	1,058	302,045	285
Nebraska	1,788	500,620	280	1,985	562,291	283
Kansas	3,254	769,324	236	3,108	758,028	244
<b>WEST NORTH CENTRAL</b>	<b>29,045</b>	<b>7,668,192</b>	<b>264</b>	<b>29,353</b>	<b>8,184,075</b>	<b>279</b>
Delaware	467	525,287	1,125	409	527,675	1,290
Maryland	1,368	559,999	409	1,243	567,327	456
Virginia	2,004	996,104	497	2,111	1,073,066	508
West Virginia	997	197,287	198	1,051	206,913	197
North Carolina	3,100	1,653,916	534	3,182	2,370,751	745
South Carolina	308	170,748	554	314	224,439	715
Georgia	725	1,058,240	1,460	790	1,253,214	1,586
Florida	182	298,252	1,639	146	274,263	1,879
<b>SOUTH ATLANTIC</b>	<b>9,151</b>	<b>5,459,833</b>	<b>597</b>	<b>9,246</b>	<b>6,497,648</b>	<b>703</b>
Kentucky	3,290	507,551	154	3,409	557,627	164
Tennessee	1,276	326,862	256	1,169	328,672	281
Alabama	697	425,729	611	800	523,942	655
Mississippi	367	299,649	816	395	430,913	1,091
Arkansas	807	443,970	550	660	378,884	574
Louisiana	331	213,851	646	313	259,733	830
Oklahoma	1,428	295,323	207	1,457	289,742	199
Texas	888	437,357	493	812	382,715	471
<b>SOUTH CENTRAL</b>	<b>9,084</b>	<b>2,950,292</b>	<b>325</b>	<b>9,015</b>	<b>3,152,228</b>	<b>350</b>
Montana	157	44,054	281	159	45,082	284
Idaho	344	113,504	330	299	105,025	351
Wyoming	47	7,300	155	40	7,444	186
Colorado	549	138,763	253	460	109,986	239
New Mexico	22	8,894	404	21	9,398	448
Arizona	17	5,454	321	9	1,818	202
Utah	95	93,156	981	81	84,855	1,048
Washington	478	480,535	1,005	458	486,194	1,062
Oregon	739	458,236	620	802	485,424	605
California	956	984,028	1,029	878	957,202	1,090
<b>WESTERN</b>	<b>3,404</b>	<b>2,333,924</b>	<b>686</b>	<b>3,207</b>	<b>2,292,428</b>	<b>715</b>
<b>UNITED STATES</b>	<b>84,238</b>	<b>33,834,794</b>	<b>402</b>	<b>83,862</b>	<b>36,027,365</b>	<b>430</b>

Table 3. Summary of Hatchery Participation in the National Poultry Improvement Plan, 1948-49 to 1953-54, inclusive.

		1948-49	1949-50	1950-51	1951-52	1952-53	1953-54
Number Hatcheries		4,438	4,637	4,482	4,389	4,103	3,722
Hatching Egg Capacity		346,294,000	367,253,150	383,642,943	389,716,303	380,530,919	364,518,975
Percent Increase or Decrease	No. Cap.	+1.93 +5.41	+4.48 +6.05	-3.34 +4.46	-2.07 +1.58	-6.52 -2.36	-9.29 -4.21
A.M.S. Hatchery Estimate	No. Cap.	9,341 551,847,000	9,341 551,847,000	8,809 575,099,000	8,809 575,099,000	7,977 582,615,000	6,890 562,237,000
Percent of A.M.S. Estimate Participating	No. Cap. Cap.	47.5 62.8	49.6 66.5	50.9 66.7	49.8 67.8	51.4 65.3	54.0 64.8
U. S. Approved	No. Cap. Per.	3,384 290,248,000 83.81	3,622 310,549,873 84.56	3,599 333,161,130 86.84	3,591 342,443,415 87.87	3,374 335,293,976 88.11	3,073 320,494,858 87.92
U. S. Certified	No. Cap. Per.	407 17,896,000 5.17	381 17,338,026 4.72	341 16,303,206 4.25	318 15,531,194 3.99	309 16,438,830 4.32	306 17,201,969 4.72
Pullorum Classes Only (no breeding stage)	No. Cap. Per.	647 38,150,000 11.02	634 39,365,251 10.72	542 34,178,607 8.91	480 31,741,694 8.14	420 28,798,113 7.57	343 26,822,148 7.36
U. S. Pullorum-Tested	No. Cap. Per.	170 11,242,000 3.25					
U. S. Pullorum-Controlled	No. Cap. Per.	1,683 156,314,000 45.14	1,326 111,567,865 30.38	1,033 93,880,948 24.47	782 71,955,143 18.46	478 40,248,907 10.58	251 17,777,950 4.88
U. S. Pullorum-Passed	No. Cap. Per.	1,256 108,227,000 31.25	1,691 153,014,164 41.66	1,642 156,872,773 40.89	1,711 168,111,653 43.14	1,553 162,832,455 42.79	1,311 142,913,298 39.20
U. S. Pullorum-Clean	No. Cap. Per.	1,329 70,511,000 20.36	1,620 102,671,121 27.96	1,807 132,889,222 34.64	1,896 149,649,507 38.40	2,072 177,449,557 46.63	2,160 203,827,727 55.92

Table 4. Summary of Flock Participation in the National Poultry Improvement Plan, 1948-49 to 1953-54, inclusive.

		1948-49	1949-50	1950-51	1951-52	1952-53	1953-54
Number flocks		93,874	106,597	95,079	96,089	84,238	83,862
Number birds		27,409,109	34,700,337	33,719,373	37,473,625	33,834,794	36,027,365
Percent Increase or Decrease	Flocks Birds	-3.60 +.43	+13.55 +26.60	-10.81 -2.82	+1.06 +11.13	-12.33 -9.71	-.45 +6.48
Av. No. Birds per Flock		292	326	355	390	402	430
U. S. Approved	Flocks Birds Per.	85,027 21,504,257 78.46	97,881 28,350,156 81.70	87,713 28,057,255 83.21	88,664 31,526,397 84.13	78,144 28,890,778 85.39	77,956 31,099,528 86.32
U. S. Certified	Flocks Birds Per.	5,684 2,597,084 9.47	5,660 2,700,624 7.78	4,752 2,576,214 7.64	4,765 2,553,259 6.81	4,186 2,392,107 7.07	4,116 2,175,954 6.04
Pullorum Classes Only (no breeding stage)	Flocks Birds Per.	3,163 3,307,498 12.07	3,056 3,649,557 10.52	2,614 3,085,904 9.15	2,660 3,393,969 9.06	1,908 2,551,909 7.54	1,790 2,751,883 7.64
U. S. Pullorum-Tested	Flocks Birds Per.	2,951 532,017 1.94					
U. S. Pullorum-Controlled	Flocks Birds Per.	40,736 9,475,728 34.57	27,306 7,254,849 20.91	18,800 5,184,311 15.38	11,596 3,541,449 9.45	5,674 1,719,880 5.08	2,945 924,255 2.57
U. S. Pullorum-Passed	Flocks Birds Per.	39,621 9,763,634 35.62	58,120 14,142,846 40.76	51,713 12,837,730 38.07	55,370 14,755,746 39.38	43,941 12,386,221 36.61	36,721 10,848,992 30.11
U. S. Pullorum-Clean	Flocks Birds Per.	10,566 7,637,730 27.87	21,171 13,302,642 38.33	24,566 15,697,332 46.55	29,123 19,176,430 51.17	34,623 19,728,693 58.31	44,196 24,254,118 67.32
FIRST TEST	No. Flocks No. Birds No. Reactors % Reactors	97,190 29,320,525 250,553 .86	111,422 37,237,674 269,115 .72	100,471 36,843,630 199,968 .54	100,586 39,704,243 149,988 .38	86,300 35,654,526 81,109 .23	85,644 37,766,375 88,918 .24